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Title Detection device and method for both audio-video interface socket and earphone line socket

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Abstract This invention discloses a detection device and its method for both audio-video interface socket and earphone line socket. A detection device detects if a plug with three or four terminals is plugged into the socket. If not, continue to detect, otherwise detect if the impedance at the image output terminal of the socket is larger than the preset value. If it is larger than the default value, control the image signal output terminal to output the image signal, otherwise control the image signal output terminal not to output the Image signal, but only output the voice signal. It is not necessary for user by manual to select the output modes in this invention. The four-terminal socket compatible with the standard three-terminal plug of earphone can still be preserved. It simplifies the operation to eliminate the possibility of erroneous operation, and avoids

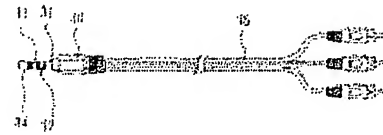


圖 2

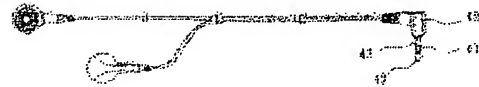


圖 3

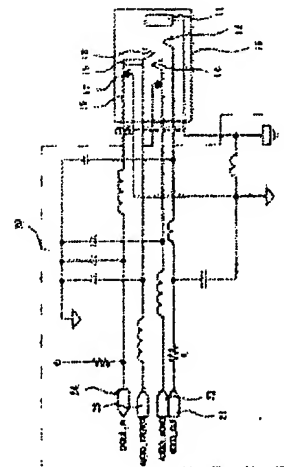


圖 4

the damage of the circuit in the
audio-video player.

Individual

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Patent Right Change

Application Number	092122576
Date of Update	20090520
Licensing Note	No
Mortgage Note	No
Transfer Note	No
Succession Note	No
Trust Note	No
Opposition Note	No
Invalidation Note	No
Cessation Note	
Revocation Note	
Issue date of patent right	20050411
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Maintenance fee due	20110410
Years of annuity paid	006

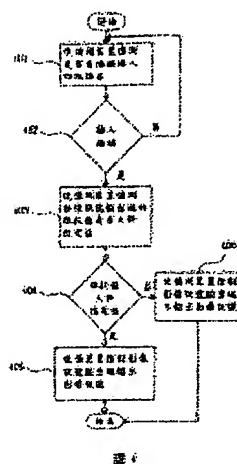
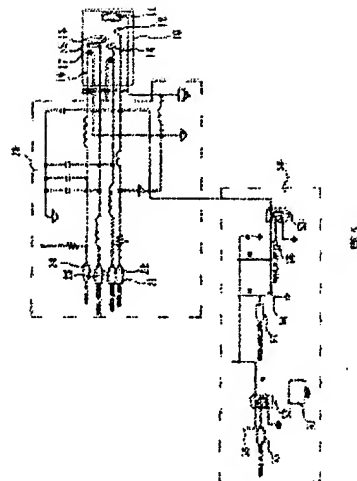
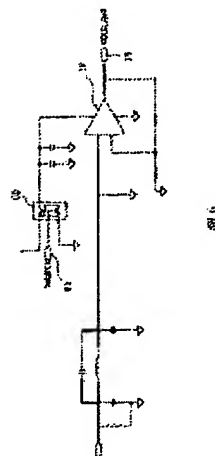


圖 4

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